

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
 Data File : VW026617.D
 Acq On : 19 Jul 2023 12:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Jul 20 01:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	655263	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291569	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	197202	17.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.360%
7) Chloroethane-d5	2.899	69	154223	19.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.021	65	96096	18.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.040%
21) 2-Butanone-d5	7.075	46	151450	42.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.800%
24) Chloroform-d	7.648	84	412537	21.867	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.307	65	223826	21.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	8.276	84	828763	20.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.270	67	255218	20.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.440%
41) Toluene-d8	10.325	98	711025	20.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	10.574	79	103038	21.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.040%
47) 2-Hexanone-d5	10.922	63	102220	42.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215968	20.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	229271	21.417	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	155339	21.016	ug/L	99
3) Chloromethane	2.222	50	238638	22.596	ug/L	100
5) Vinyl chloride	2.375	62	258411	23.217	ug/L	97
6) Bromomethane	2.789	94	140553	23.755	ug/L	96
8) Chloroethane	2.930	64	154076	24.756	ug/L	100
9) Trichlorofluoromethane	2.265	101	185836	22.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	218604	23.893	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	211693	24.116	ug/L	84
13) Acetone	4.124	43	170085	66.193	ug/L	98
14) Carbon disulfide	4.393	76	713077	23.173	ug/L	99
15) Methyl Acetate	4.673	43	139568	22.608	ug/L	98
16) Methylene chloride	4.923	84	266971	23.063	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	233887	24.920	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	361213	24.590	ug/L	99
19) 1,1-Dichloroethane	6.216	63	476864	25.412	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	252411	25.971	ug/L	96
22) 2-Butanone	7.167	43	215528	55.082	ug/L	98
23) Bromochloromethane	7.514	128	103692	24.907	ug/L	96
25) Chloroform	7.679	83	438566	25.508	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	308251	25.468	ug/L	99
29) Cyclohexane	7.953	56	443100	24.551	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	358117	25.207	ug/L	98
31) Carbon tetrachloride	8.069	117	323654	25.096	ug/L	99
33) Benzene	8.325	78	998919	25.011	ug/L	100
34) Trichloroethene	9.093	95	251162	24.481	ug/L	98
35) Methylcyclohexane	9.337	83	460791	25.013	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269363	25.396	ug/L	99
38) Bromodichloromethane	9.642	83	302923	25.138	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	396514	25.966	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	386432	48.271	ug/L	99
42) Toluene	10.386	91	1040047	25.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	341075	26.484	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	182247	24.619	ug/L	99
46) Tetrachloroethene	10.861	164	183995	25.262	ug/L	85
48) 2-Hexanone	10.965	43	292470	52.349	ug/L	98
49) Dibromochloromethane	11.129	129	189479	25.850	ug/L	90
50) 1,2-Dibromoethane	11.233	107	175892	25.206	ug/L	93
51) Chlorobenzene	11.654	112	616317	24.922	ug/L	96
52) Ethylbenzene	11.727	91	1164131	25.925	ug/L	100
53) m,p-Xylene	11.836	106	426311	26.096	ug/L	100
54) o-Xylene	12.166	106	402138	26.226	ug/L	99
55) Styrene	12.178	104	697498	26.968	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	237104	24.406	ug/L	97
59) Bromoform	12.349	173	108910	23.617	ug/L	96
60) Isopropylbenzene	12.458	105	1137454	25.214	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	177003	22.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	915366	26.455	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	902592	26.311	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	464468	24.537	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	459978	24.365	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	407061	24.298	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	40937	21.840	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	318655	25.438	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	242782	23.617	ug/L	94
71) Naphthalene	15.360	128	564509	24.249	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240122	24.812	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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